

AMENDED CLAIMS

[received by the International Bureau on 21 April 2005 (21.04.05);
original claims 10-34 replaced by new claims 10-34 (2 pages)]

10. The process of claim 9 wherein said plant species is *Thuja plicata* Don.
11. The process of any one of claims 8-10 wherein the solid plant materials are derived from the trunk or branches of said plant species.
- 5 12. The process of any one of claims 1-11 wherein said polar solvent is a liquid solvent having a polarity index of at least 4.
- 10 13. The process of any one of claims 1-12 wherein said polar solvent is selected from the group consisting of: 2-methyl-1-propanol; methyl isoamyl ketone; n-butyl acetate; methyl isobutyl ketone; tetrahydrofuran; 2,6-lutidine; ethyl acetate; isopropanol; chloroform; cyclohexanone; methyl ethyl ketone; methyl n-propyl ketone; 2-picoline; dioxane; ethanol; nitroethane; pyridine; acetone; methoxyethanol; acetic acid; acetonitrile; methanol; nitromethane; m-cresol; and water.
- 15 14. The process of any one of claims 1-13 wherein said polar solvent is methanol.
- 15 15. The process of any one of claims 1-14 wherein said nonpolar solvent is a liquid solvent having a polarity index less than 4.
- 20 16. The process of any one of claims 1-15 wherein said nonpolar solvent is selected from the group consisting of: squalane; isoctane; n-decane; 1,1,2-trichlorotrifluoroethane; cyclohexane; n-hexane; pentane; cyclopentane; heptane; petroleum ether; carbon disulfide; n-butyl chloride; carbon tetrachloride; dibutyl ether; 25 triethylamine; diisopropyl ether; toluene; o-xylene; p-xylene; methyl t-butyl ether; bromobenzene; chlorobenzene; iodobenzene; o-dichlorobenzene; diethyl ether; benzene; dichloromethane; ethyl bromide; fluorobenzene; ethylene dichloride; isopentanol; ethylene chloride; 2-propanol; n-butanol; n-propanol; and tert.-butanol.
- 30 17. The process of any one of claims 1-16 wherein said nonpolar solvent is dichloromethane.
18. The process of any one of claims 1-16 wherein said nonpolar solvent is diethyl ether.
- 35 19. The process of any one of claims 1-18 wherein said extraction conditions are maintained for an extraction period of from about one minute to three days.
20. The process of claim 19 wherein said extraction period is about one to 24 hours.

21. The process of claim 20 wherein said extraction period is about 24 hours.
22. The process of claim 19 wherein said extraction period is about 12 hours.
- 5 23. The process of claim 19 wherein said extraction period is about six hours.
24. The process of any one of claims 1-23 wherein said extraction conditions are repeated one or more times.
- 10 25. The polar plant extract prepared by the process of any one of claims 1-24.
26. The nonpolar plant extract prepared by the process of any one of claims 1-24.
27. The solid plant materials after extraction prepared by the process of any one of
- 15 claims 1-24.
28. A plastic-forming material derived from the polar plant extract of claim 25.
29. The use of the polar plant extract of claim 25 in the manufacture of plastics.
- 20 30. A preservative composition comprising the nonpolar extract of claim 26.
31. An antioxidant composition comprising the nonpolar extract of claim 26.
- 25 32. A fragrance ingredient comprising the nonpolar extract of claim 26.
33. A cleansing agent comprising the nonpolar extract of claim 26.
34. A disinfecting composition comprising the nonpolar extract of claim 26.